

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	124	208/391	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 13:18
L2	790	166/266	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 13:18
S1	32	"4666457"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 07:18
S2	4	"6113659"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:36
S3	252	"44/301"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:37
S4	69	"44/628"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:38
S5	507	"106/277"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:43
S6	57	"60/780"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:45
S7	12	"44/561"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:46

## EAST Search History

S8	14	"44/569"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:47
S9	27	"516/43"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:48
S10	12	"516/47"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:49
S11	11	"516/926"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:50
S12	44	"516/928"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:51
S13	1046	"44/51"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:51
S14	131	44/280	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:52
S15	2	(bitumen adj split\$5)and (Separation)and (gas adj plant)and(emulsi\$9)and (fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:56
S16	2	(bitumen adj split\$5)and (gas adj plant)and(emulsi\$9)and (fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:56
S17	5	(bitumen)and (gas adj plant)and(emulsi\$9)and (fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:58

## EAST Search History

S18	879	(bitumen)and(emulsi\$9)and (fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 14:00
S19	2	(bitumen adj split\$8)and(emulsi\$9)and (fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 13:59
S20	64	(bitumen adj emulsion)and (fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 14:30
S21	2	(bitumen adj emulsion adj fuel)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 14:08
S22	6	(bitumen adj emulsion)and (steam adj generat\$5)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/29 14:31
S23	14	(bitumen adj separation)and (pentane or hexane or heptane)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/11/30 07:32
S24	10	(Bitumen adj recovery)and (steam)and (underground adj reservoir)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/01 08:10
S25	1	(Bitumen adj underground adj reservoir)and (recovery)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/01 08:11
S26	22	(Bitumen)and (underground adj reservoir)and (recovery)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/01 08:21
S27	11	"4207945"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/01 08:35

## EAST Search History

S28	19	"4119149"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/01 10:03
S30	191	208/390	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 13:18
S31	326	(Bitumen adj separat\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 09:47
S32	1	(Bitumen adj separat\$4)and (flash adj chamber)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 07:20
S33	18	62/607	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 09:50
S34	32	Cryogenic and (finned adj heat adj exchanger)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:11
S35	4377	Cryogenic and solvent	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:12
S37	14	Cryogenic and (solvent adj propylene)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:18
S38	309670	(alcohol)and(solvent adj propylene or ethylene or olefin)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:22
S39	11	(freez\$4 adj alcohol)and(solvent adj propylene or ethylene or olefin)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:41

## EAST Search History

S40	2	(cryogenic adj methanol) and (solvent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:25
S41	2	cryogenic adj fouling	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:42
S42	4	cryogenic near4 fouling	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 10:46
S43	6	cryogenic near6 fouling	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 11:40
S44	20	"5743102"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 11:44
S45	16	"5727393"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/12/02 11:45
S46	1	10/646,134	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 12:36
S48	2	(bitumen)and(light)and(heavy)and( flash adj separation)and(diluent)and(emulsifi \$8)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 12:41
S49	14	(bitumen)and(light)and(heavy)and( flash adj separation)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 12:44
S50	17	(bitumen)and(flash adj separation)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/09/12 12:44